

# RESTEK

## The Advantage

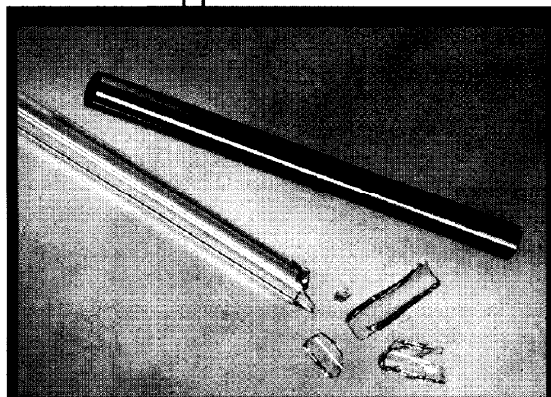
Innovators of  
High Resolution  
Chromatography

## Innovative Silcosteel" Metal Inlet Sleeves

Restek has developed a new low cost, high performance inlet sleeve for the HP 5890/6890 split/splitless injector. Advances made by our manufacturing group enable us to introduce a stainless steel inlet sleeve with inertness equivalent to deactivated glass. Utilizing our advanced Silcosteel process, metal sleeves are coated with a fused silica-like layer and then deactivated with a high temperature silanization process. These sleeves are ideal for split/splitless applications that require frequent changing of inlet sleeves to keep the injector contamination free. These sleeves are also excellent for portable GCs since they do not break during transportation or installation.

### SILCOSLEEVE METAL INLET SLEEVES UTILIZE RESTEK'S SILCOSTEEL" SURFACE

Silcosteel@ is a process that bonds a thin, uniform layer of flexible fused silica on the stainless steel. The surface is then deactivated and made inert by the same process used in our high quality fused silica and MXT@, capillary columns. Because the Silcosteel@ layer is flexible, it will not crack or break off the surface of the stainless steel.



- Equivalent inertness to glass sleeves.
- Excellent response for pesticides, phenols and other active compounds.
- Silcosleeve inlet sleeves won't crack, chip, or break like glass sleeves.
- Inexpensive and cost effective.

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